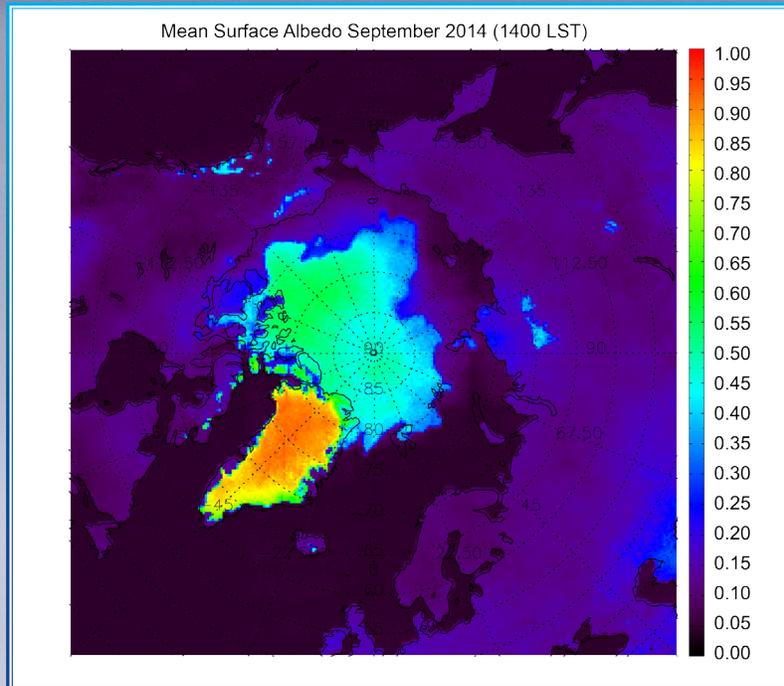




EXTENDED AVHRR POLAR PATHFINDER



CLIMATE DATA RECORD SPECIFICATIONS

- Coverage: Arctic and Antarctic
- Projection: EASE grid
- Spatial resolution: 25km
- Twice daily composites (multiple orbits) at 4:00 and 14:00 local solar time for the Arctic, and 02:00 and 14:00 for the Antarctic
- 1982–present
- Updated daily

VARIABLES TO THIS

CLIMATE DATA RECORD

- | | |
|------------------------------------|-------------------------|
| • Surface temperature | • Surface type |
| • Surface albedo | • Cloud particle size |
| • Surface radiative flux | • Cloud optical depth |
| • Cloud mask | • Cloud top pressure |
| • Sea ice thickness | • Cloud top temperature |
| • Top of atmosphere radiative flux | • Cloud type |

SOME USES OF THIS

CLIMATE DATA RECORD

- Near real-time monitoring of Arctic and Antarctic surface and atmospheric characteristics
- Studies of recent climate change in the polar regions
- Analysis of climate feedbacks and interactions
- Regional and global climate model verification/validation

EXTENDED AVHRR POLAR PATHFINDER

<https://www.ncdc.noaa.gov/cdr/atmospheric/extended-avhrr-polar-pathfinder-app-x>

CLIMATE DATA RECORD

INFORMATION:

<http://www.ncdc.noaa.gov/cdr>

NOAA's Climate Data Record (CDR)



www.climate.gov
www.ncdc.noaa.gov